Annex II : Human calmodulin sequence

Ala Asp Gln Leu Thr Glu Glu Gln Ile Ala Glu Phe Lys Glu Ala Phe
1 5 10 15
Site I: Helix (7-19)

Ser Leu Phe Asp Lys Asp Gly Asp Gly Thr Ile Thr Thr Lys Glu Leu
20 25 30
Site I: Loop (20-31)

Gly Thr Val Met Arg Ser Leu Gly Gln Asn Pro Thr Glu Ala Glu Leu
35 40 45
Site I: Helix (32-38)

Gln Asp Met Ile Asn Glu Val Asp Ala Asp Gly Asn Gly Thr Ile Asp
50 55 60
Site II: Helix (45-55) Site II: Loop (56 to 67)

Phe Pro Glu Phe Leu Thr Met Met Ala Arg Lys Met Lys Asp Thr Asp
65 70 75 80
Site II: Helix (68-78)

Ser Glu Glu Glu Ile Arg Glu Ala Phe Arg Val Phe Asp Lys Asp Gly
85 90 95
Site III: Helix (79-92)

Asn Gly Tyr Ile Ser Ala Ala Glu Leu Arg His Val Met Thr Asn Leu
100 105 110
Site III: Loop (93 to 104) Site III: Helix (105-111)

Gly Glu Lys Leu Thr Asp Glu Glu Val Asp Glu Met Ile Arg Glu Ala
115 120 125
Site IV: Helix (118-128)

Asp Ile Asp Gly Asp Gly Gln Val Asn Tyr Glu Glu Phe Val Gln Met
130 135 140
Site IV: Loop (129-140) Site IV: Helix
(118-128)

Met Thr Ala Lys
145
(141-147)

FIGURE 1 : HUMAN CALMODULIN SEQUENCE SWISSPROT P02593

- SEQ ID NO: 13 DKDGDGTITTKE
- SEQ ID NO: 14 DADGNGTIDFPE
- SEQ ID NO: 15 DKDGNGYISAAE
- SEQ ID NO: 16 DIDGDGQVNYEE
- SEQ ID NO: 17 EQIAEFKEAFSLF
- SEQ ID NO: 18 LGTVMRS
- SEQ ID NO: 19 EAELQDMINEV
- SEQ ID NO: 20 FLTMMARKMKD
- SEQ ID NO: 21 TDSEEEIREAFRVF
- SEQ ID NO: 22 LRHVMTN
- SEQ ID NO: 23 DEEVDEMIREA
- SEQ ID NO: 24 FVQMMTA